

# tesa® 4959

Double-sided non-woven tape

## PRODUCT INFORMATION

### Product Description

tesa® 4959 is a double-sided mounting and splicing tape equipped with a non-woven backing and coated with an acrylic adhesive of high tack and good shear strength. It is UV and ageing resistant and largely resistant to plasticisers.

### Main Application

- Mounting of signs, covers and nameplates
- Mounting of door linings in the car industry
- Mounting of plastic bags, despatch bags, continuous stationery, posters etc.
- Splicing of paper and film webs

### Technical Data

■ Backing material	non-woven	■ Tensile strength	8 N/cm
■ Colour	translucent	■ Type of liner	glassine
■ Total thickness	100 µm	■ Colour of liner	brown
■ Type of adhesive	tackified acrylic	■ Thickness of liner	71 µm
■ Elongation at break	3 %		

### Adhesion to

■ Steel (initial)	6.2 N/cm	■ Steel (after 14 days)	7.5 N/cm
■ ABS (initial)	5.3 N/cm	■ ABS (after 14 days)	6.1 N/cm
■ Aluminium (initial)	4.4 N/cm	■ Aluminium (after 14 days)	5.5 N/cm
■ PC (initial)	5.4 N/cm	■ PC (after 14 days)	5.8 N/cm
■ PE (initial)	2.5 N/cm	■ PE (after 14 days)	2.6 N/cm
■ PET (initial)	4.6 N/cm	■ PET (after 14 days)	5.1 N/cm
■ PP (initial)	3.3 N/cm	■ PP (after 14 days)	3.8 N/cm
■ PS (initial)	5.4 N/cm	■ PS (after 14 days)	5.8 N/cm
■ PVC (initial)	5.0 N/cm	■ PVC (after 14 days)	7.5 N/cm

### Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
■ Temperature resistance long term	80 °C	■ Softener resistance	o
■ Tack	++	■ Static shear resistance at 23°C	+
■ Ageing resistance (UV)	++	■ Static shear resistance at 40°C	o
■ Humidity resistance	+	■ Tack	++

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

For latest information on this product please visit <http://l.tesa.com/?ip=04959>

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**Additional Info**

Liner variants:  
PV0 brown and white glassine paper (71 µm)  
PV6 red MOPP-film (80 µm)

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